



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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10-2-03

In re Patent Application of

SAWA et al.

Atty. Ref.: 925-171

Serial No. 09/729,169

Group:

Filed: December 5, 2000

Examiner:

For: COMMUNICATION APPARATUS, FREQUENCY SPECTRUM
INVERSION METHOD AND PROGRAM STORAGE MEDIUM

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September 16, 2003

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

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Technology Center 2600

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. 1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. One copy of the reference(s) is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

☒ This Information Disclosure Statement ("IDS") is being filed within three (3) months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

☐ This IDS is being filed more than three (3) months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.

☐ a. I hereby certify that each item of information contained in this IDS was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing of this IDS. 37 C.F.R. 1.97(e)(1).

☐ b. I hereby certify that no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of the information disclosure statement. 37 C.F.R. 1.97(e)(2).

☐ c. Attached is our check in the amount of \$180.00 in payment of the fee under 37 C.F.R. 1.17(p). Please credit or debit Dep Acct No. 14-1140 as needed to ensure

consideration of the disclosed information. A duplicate copy of this paper is attached.

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☐ Relevance of the non-English language reference(s) is discussed in the present specification.

☒ The references were cited in a corresponding European Patent application.

☐ A concise explanation of the relevance of the non-English language reference(s) appears in the Appendix hereto.

☐ The Examiner's attention is directed to co-pending U.S. Patent Application No. _____, filed _____, which is directed to related technical subject matter. The identification of this U.S. Patent Application is not to be construed as a waiver of secrecy as to that application now or upon issuance of the present application as a patent. The Examiner is respectfully requested to consider the cited application and the art cited therein during examination.

☐ Copies of the references were cited by or submitted to the Office in parent Application No. _____, filed _____ and are being resubmitted herein for the Examiner's consideration. Form PTO 1449 is attached with copies of the aforementioned references.

SAWA et al.
Serial No. 09/729,169

☒ Please charge any fee associated with the filling of this paper to our Deposit Account No. 14-1140.

Respectfully submitted,

NIXON & VANDERHYE P.C.

By: _____



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